

## CLAIMS

1. An apparatus for fitting at least one hearing aid to the needs of an individual, comprising a fitting calculator (1) equipped with a first interface to transmit signals to a hooked-up hearing aid (7), with a second interface to receive response signals to auditory stimulus, and a computer unit (3) that, as a function of inputs to the second interface computes outputs to the first interface, characterized in that the first and second interfaces are merged into a single interface (13) which is configured as a bidirectional communication unit.

2. Apparatus as claimed in claim 1, characterized in that the interface (13) is an I<sup>2</sup>C interface.

3. Apparatus as claimed in either of claims 1 and 2, characterized in that it includes a rating input unit (9) of auditory-stimulus response signals, said unit preferably being in the form of a keypad or a voice input device, the rating input unit being connectable to the interface (13).

4. Apparatus as claimed in one of claims 1 through 3, characterized in that the interface is a branched unit comprising at least one connector to the fitting computer, at least one connector to a rating input unit and at least one connector to the minimum of one hearing aid.

5. Apparatus as claimed in one of claims 1 through 4, characterized in that the communications link between the hearing aid and/or an input unit and fitting calculator (1) at least is partly wireless.

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